

POLAND

HALAZINSKI, Stofan, KANIAK, Jozef, KNAPIK, Zbigniew, and PACZYNSKI, Andrzej; Department of Internal Diseases (Zaklad Chorob Wewnetrznych) (Director: Prof. Dr. med. Jozef KANIAK) and Department of Obstetrics and Gynecology (Zaklad Ginekologiczno-Polozniczy) (Director: Dr. med. Stofan HALAZINSKI) of Physicians Postgraduate Training Program (Studium Doskonalenia Lekarzy), Wojewodztwo Hospital (Szpital Wojewodzki) in Wroclaw

"Diabetes and Pregnancy. Prophylaxis: Glycemic Curve in Patients Delivering Enormous Foetus."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 36, 2 Sep 63, pp 1338-1340

Abstract: [Authors' English summary modified] Authors analyzed glycemic curve of 73 women who delivered enormous foetuses and classified them by height and shape of the curves. Normal hyperglycemic curves were found in 54, latent diabetis appearing during pregnancy -- in 3, and latent future diabetis -- in 16. Authors suggest that studies on the carbohydrate metabolism may be of great value in diagnosing diabetes and preventing complications. 1/1 25 refs: 5 Polish, 4 German, 16 Western.

KANIAK, Jozef; prof. dr. med.; GRUSZKA, Stanislaw, dr. med.; MASZKIEWICZ,
Waldemar

(Some clinical problems of smallpox. Pol. tyg. lek. 20 no. 10:
350-353 8 Mr '65

1. Ze Szpitala Zakaznego w Przasniku (Konsultant: prof. dr. med.
Jozef Kaniak; Kierownik Szpitala: dr. med. Stanislaw Gruszka).

KANIAK, Jozef, prof. dr. med.; KNAPIK, Zbigniew; WLODARCZYKOWA, Janina

Waldenström's disease. Pol. arch. med. wewnet. 35 no.3:397-400
'65.

1. Z Katedry Medycyny Ogólnej Studium Doskonalenia Lekarzy we Wrocławiu, z Oddziale Wewnętrznym "A" Szpitala Wojewódzkiego we Wrocławiu (Kierownik: prof. dr. med. J. Kaniak).

KANIAK, Jozef; KNAPIK, Zbigniew; PACZYNSKI, Andrzej

Diabetic osteopathy. Pt.1. Pol. arch. med. wewnet. 35 no.7:
1037-1042 '65.

1. Z Katedry Medycyny Ogolnej Studium Doskonalenia Lekarzy w AM
na bazie Oddzialu Wewnetrznego A Szpitala Wojewodzkiego we Wroc-
lawiu (Kierownik: prof. dr. med. J. Kaniak).

SIDOROV, Pavel Petrovich, kand. ekon. nauk; KOVALEV, Aleksandr
Ivanovich; Primal uchastiye KANIBOLOTSKIY, F.P.;
ARSEN'YEV, S.P., red.; DEMIN, A.M., red.

[Economics of river transportation; production economics,
organization, and planning] Ekonomika rechnogo transporta;
ekonomika, organizatsiia i planirovanie proizvodstva. Mo-
skva, Transport, 1965. 283 p. (MIRA 18:5)

Kanibolotskiy, K.

KANIBOLOTSKIY, K.; BAL'TSER, Ye.B.

Holding back brown sugar. Sakh.prom. 32 no.10:35-36 0 '58.
(MIRA 11:11)

1. Voroneshskiy sovnarkhoz.
(Voronesh Province--Sugar manufacture)

KANIBOLOTSKIY, N.K.; MOREYNIS, YA.I.

For fulfillment of the sixth five-year plan for the development of enterprises of the Voronezh Sugar Beet Combine. Sakh.prom. 30 no.7: 5-9 JI '56. (MLRA 9:11)

1. Voronezhskiy sakhsveklotrest (for Kanibolotskiy);
 2. Rosglavsakhar (for Moreynis).
- (Voronezh Province--Sugar industry)

KANIBOLOTSKIY, N.K.; CHERKASOV, N.I.

Prepare for processing sugar beets harvested by combines. Jakh. prom.
31 no.4:9-11 Ap '57. (MIRA 10:6)

1. Voroneshskiy sakhsveklotrest.
(Sugar beets--Harvesting)

KANIBOLOTSKIY, N.K.; VITSANI, F.I.

Mechanization of heavy and labor-consuming operations in the
factories of the Voronezh Sugar Trust. Sakh.prom. 31 no. 2:47-49
Ag '57. (MLRA 10:8)

1. Voronezhskiy'sakhavoklotrest.
(loading and unloading)

KANIBOLOTSKIY, N.K.; BAL'TSER, Ye.B.

Great program. Sakh. prom. 33 no.1:9-11 Ja '59. (MIRA 12:1)

1. Upravleniye sakharney promyshlennosti Verenezhskogo sovmar-
khaze.

(Verenezh Province--Sugar industry)

KANIBOLOTSKIY, N.K.; VITSANI, F.I.

Mechanization of labor-consuming work at sugar factories of
the Voronezh Economic Council. Sakh.prom. 34 no.9:35-37
S '60. (MIRA 13:9)

1. Voronezhskiy sovnarkhoz.
(Voronezh Province—Sugar industry)

KANIBOLOTSKIY, N.K.; TURAYEV, L.D.; BAYKO, A.V.

~ Results of testing the MBO-5 beet piler. Sakh.prom. 35 no.4:47-51
Ap '61. (MIRA 14:3)

1. Voronezhskiy sovnarkhoz (for Kanibolotskiy). 2. Vsesoyuznyy
nauchno-issledovatel'skiy institut sakharnoy svekly (for Turayev,
Bayko).
(Sugar beets) (Loading and unloading)

KANICHEV, I.
25804

K Voprosu O Remontnom Obsluzhivani Polevoy Sanitarnoy Tekhniki
V Period Otechestvennoy Voyny I Ocherednykh Zadachakh Remontnogo
Dela. Otklik Na Odnoin. Stat'yu V M Tsar'kova V Voen.--Med. Zhurnale, 1947, No. 5. Voen.--Med. Zhurnal, 1948, No. 6, s. 67-68

SO: LETOPIS NO. 30, 1948

KANICHEV, I. K.

25804 Kanichev, I. K. Voprosu o Remontnom Obsluzhivarii Polevoy Sanitarney Tekhniki V Period Otechestvennoy Voiny I Ocherednykh Zadachakh Remontnogo Dela. (Otklik Na Odnoim. Stat'yu V. N. Tiar'kova V "Voen. - Med. Zhurnale", 1947, No. 57. Voen. - Med. Zhurnal, 1948, No. 6, S. 67 -68

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

9.3120
9 (3), 24 (3)
AUTHORS:

Kanicheva, I. R., Burtsev, V. A.

67311

SOV/181-1 -8-16/32

TITLE:

Investigation of 0.5- to 16-kev Electron Penetration Through Collodion- and Gold Films

PERIODICAL:

Fizika tverdogo tela, 1959, Vol 1, Nr 8, pp 1250 - 1258 (USSR)

ABSTRACT:

The laws governing the penetration mentioned in the title were found by simultaneous investigation of film penetrability and electron energy distribution after their passage through the films of the substances to be investigated. The authors paid attention to the removal of secondary effects. Thin films (of various thickness) of the substances under investigation were bombarded with electrons. By slowing down the electrons having passed through the film in the field of a spherical capacitor it was possible to determine the integral distribution curves practically over all energies. These measurements allow the following conclusions: In collodion and gold films of various thickness the dependence of the extreme depth of penetration R on electron energy E obeys Bethe's law of specific loss.

$R = 77.5E^{1.3}$ holds for gold. The electron spectrum may be subdivided into two ranges corresponding to slow (from 0 to

Card 1/2

67311

Investigation of 0.5- to 16-kev Electron Penetration Through Collodion- and Gold Films SOV/181-1-8-16/32

100-150 ev) and fast (from 100-150 ev and above) electrons.²¹
 In all cases of primary electron energy and sample thickness the slow electrons form a considerable part of the total number of departed electrons. Slowing down and scattering of fast and slow electrons follow various laws. The law of energy loss by fast electrons reads $dE/dx = \text{const}$. Thus, the law of primary-electron slowing-down in gold is linear, at least in a certain interval of electron energies and film thicknesses. The authors thank A. R. Shul'man, in whose laboratory the present investigation was performed, and also the student Yu. M. Voron who assisted in the measurements. There are 11 figures and 14 references, 3 of which are Soviet.

ASSOCIATION: Leningradskiy politekhnicheskii institut im. M. I. Kalinina
 (Leningrad Polytechnic Institute imeni M. I. Kalinin)

SUBMITTED: August 18, 1958

Card 2/2

KANICHEVA, I.R.; BARZDO, B.F.

Deceleration and inelastic reflection of electrons in free thin
copper films. Fiz. tver tela 5 no.9:2561-2569 S '63.
(MIRA 16:10)

1. Leningradskiy politekhnicheskoy institut.

SHUL'MAN, A.R.; KANICHEVA, I.R.; BARZDO, B.F.

Energy spectrum of electrons after passing through thin free
metallic films. Fiz. tver. tela 5 no.11:3318-3321 N '63.
(MIRA 16:12)

1. Leningradskiy politekhnicheskoy institut imeni Kalinina.

SHUL'MAN, A.R.; KANICHEVA, I.R.; BARZDO, B.F.

Distribution of energy losses of an electron beam along the depth
in copper and aluminum. Fiz. tver. tela 5 no.11:3344-3346 N
'63. (MIRA 16:12)

1. Leningradskiy politekhnicheskii institut imeni M.I.Kalinina.

L 46912-66 EWT(1)/EWT(m)/EWT(t)/ETI IJF(c) JD/JG/AT

ACC NR: AP6015505

SOURCE CODE: UR/0181/66/008/005/1641/1643

AUTHOR: Kanicheva, I. R.; Pavlova, A. A.

ORG: Leningrad Polytechnic Institute im. M. I. Kalinina (Leningradskiy politekhnicheskii institut)

TITLE: Electron scattering in thin copper and gold films

SOURCE: Fizika tverdogo tela, v. 8, no. 5, 1966, 1641-1643

TOPIC TAGS: particle scatter, electron scattering, copper film, microelectronic thin film

ABSTRACT: Conventionally prepared Cu (300-1500 Å) and Au (200-600 Å) films were used to examine the electron backscattering and the angular distribution of electrons in the 1.5 to 16 kev energy range. The obtained results are recorded on polar diagrams. Based on experimental data, it seems that in the course of multiple scattering, some electrons scatter at larger angles than other electrons. This may be a result of close interactions which are capable of abruptly changing the direction of motion of an electron. Moreover, it appears that the motion of the electron beam is not necessarily diffuse, as believed to be by other authors. The authors thank A. R. Shul'man for his continued attention and discussions of the work.

SUB CODE: 20/

SUBM DATE: 18Dec65/

ORIG REF: 002/

OTH REF: 004

Card 1/1 fv

ACCESSION NR: AP4017603

S/0109/64/009/002/0321/0332

AUTHOR: Shul'man, A. R.; Kanicheva, I. R.; Barado, B. F.

TITLE: Investigation of the penetration of 1-12 kev electrons through aluminum films

SOURCE: Radiotekhnika i elektronika, v. 9, no. 2, 1964, 321-332

TOPIC TAGS: electron penetration, aluminum penetration by electrons, penetrable aluminum film, 1-12 kev electron penetration, penetrated electrons formula

ABSTRACT: An experimental study of (a) the penetration of 12.5-178 microgram/cm² (500-7,100 Å) thick Al foils by 0.5-12-kev electrons and (b) the energy spectra of transmitted electrons is reported. Two experimental bulbs are described and their sketches supplied. Unlike H. Kanter's results (Phys. Rev., 1961, 121, 2, 461), almost entirely stopped electrons (with a 50 ev energy) were

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ACCESSION NR: AP4017603

observed past the Al film at critical energies of the incident electrons. It is shown that the electron range determined from the penetration curves refers to the stopped electrons. On the basis of experimental data obtained, this relation between the cross range of electrons and their energy is proposed: $R = 480 E^{1.5}$. However, it is hard to establish an agreement between this formula and the theory as the ratio l/d is unknown (l is the actual electron path in the film, d is the film thickness). The energy spectra measurements showed a wide spread in energy losses which does not agree with the well-known Bohr and E. J. Williams theoretical data developed for beta particles. Orig. art. has: 12 figures and 1 formula.

ASSOCIATION: none

SUBMITTED: 05Jan63

DATE ACQ: 18Mar64

ENCL: 00

SUB CODE: PH, NS

NO REF SOV: 004

OTHER: 014

Card 2/2

KANICHEVA, R.A., kandidat pedagogicheskikh nauk.

Spatial dynamics of proportions of brilliance in perception
at an acute visual angle. Trudy Gos.inst.po izuch.mozga 15:
45-52 '47. (MLRA 7:2)
(Color sense)

KANICKI, J.

Classification of mixed wool from the Polish mountain sheep of the cakiel
breed. Biuletyn Wlok. p. 1.

PRZEGLAD WLOKIENNICZY. (Stowarzyszenie Inzynierow i Technikow Przemyslu
Wlokienniczego) Lodz, Poland. Vol. 12, no. 1, Jan. 1958.

Monthly List of East European Accessions (EEAI) LC. Vol. 8, no. 7, July 1959.

Uncl.

KANICKI, Wlodeimiers

As a result of the initiative of young workers, a reserve amounting to 10 million zlotys has been set aside in the Kedzierszyn Works. Przegl techn no.45:8 9 N '60.

KANICKI, Wlodziemierz

A contest as a good start of rationalization. Przegl
techn no.41:8 12 0 '60.

L 47548-66 T NN/DJ

ACC NR: AT6029440

SOURCE CODE: CZ/0000/63/000/000/0443/0447

AUTHOR: Kanicky, Viktor (Engineer)

45
B.1

ORG: Antonin Zapotocki Military Academy, Brno (Vojenska akademie Antonina Zapotockeho)

TITLE: Calculation of the natural frequencies of vertical sectional pumps

22

SOURCE: Celostatna konferencie o problemoch dynamiky strojov, 2d, Smolenice, 1961. Dynamika strojov (Dynamics of machines); sbornik prac z konferencie SAV. Bratislava, Vyd-vo SAV, 1963, 443-447

TOPIC TAGS: computer, pump, automatic digital computer, vertical sectional pump

117

ABSTRACT: The calculation of the critical speed of vertical sectional pumps is reduced to the calculation of the natural frequencies of the transverse oscillations of a straight real rod graduated rigidity, with a system of concentrated masses, and mounted on an elastic real supporting structure. The problem is solved by the use of a system of transmission matrixes, which is also convenient for computa-

Card 1/2

L 47549-66

ACC NR: AT6029440

tions on automatic digital computers. Orig. art. has: 6 figures.

[GC]

SUB CODE: 13, 09/ SUBM DATE: none/

Card 2/2 vmb

11. Investigating the methods of production
Further work by A. Pate and M. Rames, "Micro-
production in Spain: Agriculture and Industry"
Vol IV, No. 7, pp. 29-23, July 1950)

A process was elaborated for the manufacture of calcic lactate and taking notes around the existing old method between equipment at in this level. The formation of lactate acid needs which contains most of the lactate acid as calcium lactate. It is neutralized with lime and an equivalent amount of magnesium sulfate is added. The Erythra that had been formed is removed together with the spent residue by filtering at 80 °C. It is then removed to the pure solubility of magnesium lactate. After this the filtrate is evaporated, crystallized, reformed. In a dissolved state, the magnesium hydroxide is precipitated and recovered for further use by dissolving it in sulphuric acid. Final tests proved the solubility of this method. Five additional operational phases are required for producing calcic lactate acid by this method as compared to the present preparation of technical lactic acid. However, this increase in the cost of production is simply compensated by the quality of the product, a 50 per cent remaining lactic acid. It is important that the current remaining lactic acid contact with pure lactic acid for maximum residual. The multi-lactate distilling process is considered the most suitable method for preparing chemically pure lactic acid.

[illegible]

HUNGARY/Chemical Technology - Fermentation in Industry.

H.

Abs Jour : Ref Zhur - Khimiya, No 16, 1958, 55457
 Author : Kraus, Kanich
 Inst : -
 Title : A New Method for Preparing Fusel Oil during Purification of Alcohol.
 Orig Pub : Elem. iparl, 1955, 9, No 5, 146-148
 Abstract : A New method for purification of alcohol is described, providing the yield of fusel oils in an increased concentration ($>80\%$).

Card 1/1

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CIA-RDP86-00513R000520410011-

HUNGARY/Chemical Technology - Chemical Products and Their Application. Fermenting Industry.

H-27

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58975
 Author : Krausz Jozsef, Kanics Miklos
 Inst : -
 Title : Conditions of Solubility in a System of Alcohol-Water-Fusel Oil and a New Method of Drawing-Off Fusel Oil.
 Orig Pub : Elem. ipar, 1957, 11, No 5-6, 138-142
 Abstract : The scheme of rectification of alcohol is simplified. Separation of fusel oil (FO) is accomplished in a special decanter connected in a line that joins above the first and below the second column. For determining the optimum concentration of the FO being recycled, curves were obtained for its solubility in a triple system of alcohol-water and C_2H_5OH (or C_4H_9OH), at 20° and boiling temperature ($88-94^\circ$ depending on the composition). During the development of

Card 1/2

KANICS, Miklos

~~_____~~
Theoretical foundations for the instrumentation and automation
of alcohol distilling apparatus. Elelm ipar 18 no.8/9:266-268
Ag-S '64.

1. Research Institute of the Fermentation Industry, Budapest.

KAND'YEV, A.N.

Salmon culture in Sakhalin Province. Trudy MBI no.9:47-61 '65.
(MIRA 18:12)

1. Sakhalinskoye otdeleniye Tikhookeanskogo nauchno-issledovatel'skogo instituta rybnogo khozyaystva i okeanografii.

KANID'YEV, A.N.

Embryonic development of the Black Sea atherines (Atherina
hepsetus L. and A. ~~melanostomus~~ pontica Eichwald). Trudy Karad. biol.
sta. no.17:24-45 '61. (MIRA 15:5)
(Black Sea--Siversides) (Embryology--Fishes)

KANIESKI, J.; KOWALSKI, Z.

The fluidization method of coating with the rmoplastic materials.
Biuletyn. p. 1.

PRZEGLAD MECHANICZNY. (Stowarzyszenie Inzynierow i Technikow Mechanikow
Polskich) Warszawa, Poland. Vol. 18, no. 23, Dec. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1959.
Uncla.

KANIESKI, Janusz, mgr inz.; KOWALSKI, Zbigniew, mgr inz.

Containers and chemical apparatus made of polyethylene. Przegl.
mech 23 no.6:176-177 25 Mr'64

1. Pracownik naukowy Zakładu Metalizacji Natryskowej, Instytut
Mechaniki Precyzyjnej, Warszawa (for Kanieski). 2. Kierownik
Zakładu Metalizacji Natryskowej, Instytut Mechaniki Precyzyj-
nej, Warszawa (for Kowalski).

KANIESKI, Janusz

Resistance of flame-sprayed Ni-Cr-B alloy coating to gas
corrosion and abrasion. Inst mech precyz 12 no.3:5-13
'64.

SOURCE: Warsaw. Instytut Mechaniki Precyzyjnej. Prace, v. 12, no. 3(45), 1964.

research is being directed chiefly toward development of alloyed materials with the following properties: resistance to gas corrosion at high temperatures

"APPROVED FOR RELEASE: 06/13/2000

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Card 2/3 Submitted 00

ERMICH, Stefan; LEJANKA, Maria; KANIEWICZ, Zbigniew

Section of Oddi's sphincter. Pol. przegl. chir. 35 no.7/8:
806-807 '63.

1. Z Oddziału Chirurgii Ogólnej Szpitala Miejskiego w
Oliwiczach Ordynator: dr S. Ermich.
(VATER'S AMPULLA) (SURGERY, OPERATIVE)

URBANIKOWA, Halina; KANIEWSKA, Anna

Apparatus for maintaining infants in the vertical position during radiographic examination of the thorax. Polski przesegl. radiol. 23 no.5:337-339 S-0 '59.

1. Z Zakladu Radiologii Pediatrycznej Akademii Medycznej w Warszawie Kierownik: prof. dr K. Rowinski.
(RADIOGRAPHY equip & supply)
(THORAX radiogra)

KANIEWSKA, Anna

Endocardial fibroelastosis in the roentgen picture. Polski przegl.
radiol. 25 no.6:563-570 '61.

1. Z Zakladu Radiologii Pediatrycznej AM w Warszawie Kierownik: prof.
dr K. Rowinski.

(ENDOCARDIAL FIBROELASTOSIS radiog)

MAISON, A.; KANIEWSKA-PORWISIAK, K.

Influence of filliers on the properties of cast polyester resins.
Przegl elektrotechn 39 no.8:292-296 Ag '63.

1. Instytut Tworzyw Sztucznych, Warszawa.

KANIEWSKI, A.

Production of machine tools in Poland. p. 398.

NOVA TECHNIKA. (Ceskoslovenska vedecky-technicke spolecnost)
Praha, Czechoslovakia
No. 9, Sept. 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 11
Nov. 1959
Uncl.

KANIEWSKI, Andrzej, mgr., ins.

Automatic lines of flow treatment constructed from classic machine tools. Przegl mech 21 no.7:206-212 Ap '62.

1. Centralne Biuro Konstrukcyjne Otrabiarek, Warszawa

KANIEWSKI, Andrzej, inż.

New types of lathes in 1963. Mechanik 36 no.6;269-270
Je '63.

1. Centralne Biuro Konstrukcji Obrabiarek, Pruszkow.

KANIEMSKI, Andrzej, mgr ins.

Metal working machine tools at the 31st International Poznan
Fair. Przegł mech 21 no.19/20:588-592 25 0 '62.

1. Centralne Biuro Konstrukcji Obrabiarek, Pruszkow.

KANIEWSKI, Andrzej, mgr ins.

Automatic lines for the operation of toothed wheels and
rolling bearing rings. Przegl mech 21 no.14:433-438
25 J1 '62.

1. Centralne Biuro Konstrukcji Obrabiarek, Pruszkow.

KANIEWSKI, K.

Polish Technical Abstracts
No. 4, 1953
Agriculture, Food Processing
Industry, Forestry, Fisheries

3472

• Kaniewski K. An Outline of the Genetical Structure of Wheat Varieties.

"Zarys struktury genetycznej gatunków pszenicy". Warszawa, 1943. Państw. Zwi. Hod. Roln., 199, 101 pp., 32 figs., 13 tabs.

Results of studies carried out by the author relating to the genetics of *Triticum* species forms. The studies were conducted on crosses of tetraploid and hexaploid species. Independent inheritance of a certain number of features in varieties of wheat species was confirmed. A number of new long named varieties were determined. The relationship between *Triticum polanicum* and *Triticum durum* was finally established as well as, in case of *Triticum durum*, the range of influence of the so-called basic factors affecting the fundamental dimensions of awns and spikelets and simultaneously affecting a number of minor characteristics.

KANIEWSKI, Wieslaw, dr inz.

Effect of the inertia forces of oil on the distribution of pressure, load angle and load capacity of cross-sectional slide bearings. Przegl mech 23 no.15:445 10 Ag '64

1. Department of Machine Parts, Technical University, Lodz.

KANIGOWSKI Z.

KANIGOWSKI Z. Zakl. Neurofizjol. U.M.K. w Toruniu. #W sprawie pradow bioelektrycznych mozgu w pracy i zmuzeniu umyslowym. (Prada pogladowa) On the electrical activity of the cerebral cortex during work and mental fatigue NEUROLOGIA, NEUROCHIRURGIA I PSYCHIATRIA POLSKA, WARSZAWA 1952, 2/2 (223-238)

Review of opinions on the origin of the electrical activity of the cortex. Rohrer's autonomic trophic theory is accepted. The role of the cerebellum in the fatigue process (Hurynowicz) is stressed. Alpha waves are probably an EEG expression of regenerative and protective capacity of the nerve cells in times of stress (overwork, mental fatigue, intoxication).

Ziemniewicz - Wroclaw

SO: EXCERPTA MEDICA, Section 8, Vol. 7, No. 5. May 1954

EXCERPTA MEDICA Sed.8 Vol.10/11 Neurology,etc. Nov 57

KANIGOWSKI Z.

4805. KANIGOWSKI Z. Klin. Chor. Nerw. A. M., Białymstok. *Patofizjologia odruchu dłoniowo-bródkowego (Marinesco-Radovici). Pathophysiology of the palmo-mental reflex (Marinesco-Radovici) NEUROL. NEUROCHIR. PSYCHIAT. POL. 1958, 6/6 (831-843) Illus. 1

The course of this reflex is discussed: nervus medianus-tractus spinothalamicus-thalamus opticus, substantia nigra - on the heterolateral side; the further course of the stimulus leads on the other side to the nucleus of the facial nerve. This sub-cortical reflex indicates a lesion of the tractus thalamo-corticalis, tractus cortico-bulbaris or of the cortex especially in the motor area. The presence of this reflex in functional disturbances indicates a cortical inhibition. Herman - Łódź (VIII,2*)

KANIGOWSKI, Zygmunt

**Etiology of parkinsonism. Polski tygod. lek. 11 no.12:
531-535 19 Mar 56.**

**1. Z Kliniki Chorob Nerwowych A.M. w Bialymstoku, kier.:
s-ca prof. dr. Z Kanigowski. Bialystok, ul. Fornalskiej 1 m. 6.
(PARALYSIS AGITANS, etiology and pathogenesis,
(Pol))**

KANIGOWSKI, Zygmunt; MATWIJEWICZ, Jerzy

Treatment of chorea minor with serpasil administered intrathecally. Polski tygod. lek. 13 no.33:1290-1291 18 Aug 58.

1. (Z Kliniki Chorob Nerwowych A. M. w Bialymstoku; kierownik: doc. dr Z. Kanigowski). Bialystok, Curie Sklodowskiej 25 Klin. Chor. Nerv. A.M.
(CHOREA, ther.
reserpine, intrathecal admin. (Pol))
- (RESERPINE, ther. use
chorea minor, intrathecal admin. (Pol))

~~KANIGOWSKI, Zygmunt~~

Reticular formation of the brain stem and thalamus opticus;
electrophysiological studies on the reticular formation of the
brain stem. Neur. Ac. polska 10 no.1:97-110 Ja-F '60.

1. Z Kliniki Chorob Nerwowych A.M. w Białymstoku, Kierownik:
doc. dr Z. Kanigowski.
(BRAIN STEM physiol.)

KANIGOWSKI, Zygmunt; GLINKA-RZESNICKA, Zofia

Electroencephalographic changes in chorea minor after serpasil therapy according to our method. Neur. & polska 10 no.3:327-336 My-Je '60.

1. Z Kliniki Chorob Nerwowych A.M. w Białymstoku Kierownik: doc.
dr med. Z. Kanigowski.
(RESERPINE ther)
(CHOREA ther)
(ELECTROENCEPHALOGRAPHY)

KANIGOWSKI, Zygmunt

Reticular formation of the brain stem and thalamus opticus.
Electroencephalographic investigations on the reticular formation
of the thalamus. Physiological basis of consciousness and its
disorders. Neur.&c.polska 10 no.5:665-674 '60.

1. Z Kliniki Chorob Nerwowych A.M. z Białymstoku. Kierownik: doc.
dr Z.Kanigowski.

(BRAIN STEM physiol)
(CONSCIOUSNESS)
(ELECTROENCEPHALOGRAPHY)
(THALAMUS physiol)

KANIGOWSKI, Zygmunt; GLINKA-RZEZNICKA, Zofia

Electroencephalographic changes under the influence of hydrocortisone acetate introduced into the subarachnoid space. Polski tygod.lek. 15 no.39:1474-1477 26 S '60.

1. Z Kliniki Chorob Nerwowych A.M. w Białymstoku; kierownik: doc dr med. Z.Kanigowski.

(HYDROCORTISONE pharmacol)

(ELECTROENCEPHALOGRAPHY pharmacol)

(SUBARACHNOID SPACE pharmacol)

KANIGOWSKI, Z.

"Clinical neurology," edited by W. Jakimowicz. Reviewed by Z.
Kanigowski. Neurol neurochir psych 12 no.4:634-635 J1-Ag
'62.

X

VARGA, F.; SASINKA, M.; KANIK, K.

Possibility of applying the TTC-test in non-catheterized urine for the diagnosis of urinary tract infections in girls. Cesk. ped. 20 no.12:1080-1084 D ' 65.

1. Centralne biochemicke laboratorium Obvodniho ustavu narodneho zdravi v Trencine (veduci - MUDr. Z. Cievarek); Pediatricka katedra Ustavu pre dalsie vzdelavanie lekarov a farmaceutov v Bratislave (veduci - MUDr. A. Getlik) a Mikrobiologicke laboratorium Obvodniho ustavu narodniho zdravi v Trencine (veduci - MUDr. K. Kanik).

Tests

CZECHOSLOVAKIA

SASINKA, M.; VARGA, F.; KANIK, K.; Department of Pediatrics, Institute for Postgraduate Medical Training (Pediatricka Katedra Ustavu pre Dalsie Vzdelavanie Lekarov a Farmaceutov), Trencin, Head (Veduci) Docent Dr A. GETLIK; Central Biochemical Laboratory Okresni Institute of Public Health (Centralne Biochemicke Laboratorium Okresneho Ustavu Narodneho Zdravia), Trencin, Head (Veduci) Dr Z. CICVAREK; Microbiological Laboratory Okresni Institute of Public Health (Mikrobiologicke Laboratorium Okresneho Ustavu Narodneho Zdravia), Trencin, Head (Veduci) Dr K. KANIK

"New Modification of the Nitrite Test for the Diagnosis of Uropoietic Tract Infections."

Prague, Casopis Lekaru Ceskych, Vol 106, No 8, 24 Feb 67, pp 221 - 222

Abstract: The authors describe a modification of the test of J.D. Sleight; the test was compared to the TTC test in experiments on 300 children. Sleight's test indicated 96.4% of the microorganisms against 80.4% found by the TTC test. 1 Figure, 1 Table, 3 Western, 3 Czech references.

1/1

KANIKEVICH, I.Ya., mayor med.slushby

Role of electrocardiography in medical examinations to determine
fitness for flying. Voen.med.shur. no.12:12-17 D'55 (MIRA 12:1)
(RUSSIA--AIR FORCE--MEDICAL EXAMINATION)

BURMASHEV, M.S.; CHEPURNOV, V.S.; KANIKOVSKAYA, K.S.

Growth rate of the gray mullet *Mugil auratus* Risso in the Shabolat
Lagoon. Uch.sop.Kish.un. 32:115-129 '58, (MIRA 13:6)
(Shabolat Lagoon--Gray mullets)

KANIMOWSKA, M.

The problem of ground water reserves in connection with the location of industrial establishments. p.325.
PRZEGLAD GEOGRAFICZNY. POLISH GEOGRAPHICAL REVIEW. (Polska Akademia Nauk. Instytut Geografii) Warszawa
Vol. 27, no. 2, 1955

So. East European Accessions List

Vol. 5, No. 1

Jan. 1956

Kanilevich, N.B.

. AUTHOR: None Given 113-58-7-22/25

TITLE: Inventions in the Automobile Industry (Izobreteniya v avtomobil'noy promyshlennosti)

PERIODICAL: Avtomobil'naya promyshlennost', 1958, Nr 7, p 43 (USSR)

ABSTRACT: The Inventions and Discoveries Committee at the USSR Council of Ministers released authors' certificates on the following inventions of 1956-57: N.B. **Kanilevich** and N.N. Yefimenko, "An Automobile for the Transportation of Railway Containers and Other Loads"; Y.N. **Belen'kiy**, "A Block Brake Mechanism"; N.A. Nikitin, D.I. Tylevich, "A Body of a Dump Truck for the Transportation of Building Material Solutions"; V.V. Burkov, "A Sectional Automobile Radiator"; I.T. Yefimenko, "A Spring Suspension for Automobiles and Other Mechanisms"; P.S. Pomin, "A Synchronizer with a Disk Gear for Transmissions"; L.V. Klubov, "A Hydromechanical Automatic Three-Stage Transmission"; G.M. Dekanozov, "An Apparatus for Dynamical Testings of Automobiles"; D.V. Breygin, "A Mechanical Transmission"; I.I. Ziberov, "A Stand for the Disassembly and Assembly of Automobile Tires"; D.V. Kozmenko, V.P. Kurunov, V.G. Palatko, A.A. Khalyavin, "An Automat for the Tilting of Cabins and Car Bodies on the Conveyor Belt"; P.V. Boguslavskiy, "A Combined Truck

Card 1/3

Inventions in the Automobile Industry

113-58-7-22/25

Body"; V.B. Tsimbalin, "A Stand for the Investigation of the Smooth Running of the Automobile and Testing of the Assembly Units and Parts for Durability"; V.B. Tsimbalin, "A Device for Tests of Automobiles with Respect to Smooth Running and Adjusting of New Automobiles in the Assembly Workshop"; Yu.B. Belen'kiy, "A Brake Crane for Automatic Automobile Brakes"; I.S. Izakson, B.I. Kharif, "A Stand for Checking the Brakes of Automobiles of All Types"; M.I. Lysov, "An Intensifier of the Steering Control of Automobiles with Progressive Reaction on the Steering Wheel"; N.B. Kapilevich, N.N. Yefimchenko, "An Automobile with a Hydraulic Lifting Crane"; V.A. Mushkin, "A Device for the Regulation of the Water Temperature in the Cooling System of the Automobile Engine"; M.I. Lysov, "A Pneumatic Intensifier of the Steering Control of the Automobile"; Yu.G. Sedykh, "The Gear Box"; V.D. Chistyakov, "A Device for the Washing of Motor and Tractor Parts"; N.G. Balakirev, "The Autotrailer"; P.D. Matyuk, A.I. Surykin, "A Detachable and Interchangeable Multi-Stage Contrivance of the Truck Body"; A.P. Krivshin, G.I. Pshenichnyy, "A Torsion Mechanism"; G.I. Azorevich, N.M. Riberg, "A Synchronizer of the Peripheral Speeds of the Cog Wheels for Gear Boxes with Gliding Cog Wheels"; B.I. Rabinkov, "A Planetary Transmission with a Double

Card 2/3

Inventions in the Automobile Industry

113-58-7-22/25

Power Supply"; D.T. Gapoyan, I.A. Kurzel', "A Hydromechanical Automatic Gear Box for the Automobile"; A.A. Romanov, "An Automatic Compensation of the Wear of Brake Linings"; A.N. Kolesnichenko, "A Universal Stand for Tests of the Lifting Mechanisms of Dump Trucks"; I.I. Ozherel'yev, "A Mechanism of Engaging the Springs of a Three-Axle Automobile"; V.N. Maslennikov, D.I. Ivanov, "A Washing Device for the Wind Screen of the Automobile, Autobus and Other Wheeled Vehicles"; M.I. Lysov, "A Method of Trying Out the Intensifiers of the Steering Control"; V.K. Sankidze, "A Device for the Stabilization of the Vertical Position of a Self-Propelled Mountain Vehicle in Motion Along Mountain Slopes; M.I. Lysov, "A Hydraulic Intensifier of the Steering Control of the Automobile".

1. Inventions--USSR
2. Automotive industry--USSR
3. Trucks--Equipment
4. Tractors--Equipment
5. Automobiles--Equipment

Card 3/3

KANIMETOV, A. aspirant.

Effect of different feeds on the gastric phase of digestion in ducks.
Pitsevodstvo 8 no. 5:30-32 My '58. (MIRA 11:5)
(Ducks—Feeding and feeding stuffs)
(Digestion)

KANIMETOV, A.

Gastric and intestinal digestion in ducks. Izv. AN Kir. SSR.
Ser. biol. nauk 1 no. 1:77-92 '59. (MIRA 13:6)
(DUCKS) (DIGESTION)

ODY NETS, R.N.; KANIMETOV, A.

Distribution of vitamin B₁₂ in the sheep organism. Izv. AN Kir.
SER. Ser.biol.nauk 1 no.1:155-157 '59. (MIRA 13:6)
(CYANOCOBALAMINE) (SHEEP)

KANIMETOV, Abdyray, Cand Biol Sci -- (diss) "Gastric and intestinal digestion of ducks in connection with their growth and feeding." Frunze, 1960. 19 pp; (Ministry of Agriculture Kirgiz SSR, Kirgiz Agricultural Inst); 250 copies; price not given; (KL, 24-60, 130)

ROMASHEVA, L.F.; KASIYEV, S.K.; SARTBAYEV, S.K.; KANIMETOV, A.K.;
LAVRENYUK, N.M.

Treatment of poultry houses with different insecticides as a
control measure against birdlice. Izv. AN Kir. SSR Ser. biol.
nauk 4 no. 4:99-111'62. (MIRA 16:6)

(BIRDLICE—~~EXT~~ERMINATION)
(INSECTICIDES)

VDOVIN, R.A.; VOLKOV, Ya.I., insh. (Leningrad); TITOV, G.Ye.; KANIN, A.B.

Improving the quality of switches. Put' 1 put. khos. no.8:18-19
Ag '59. (MIRA 13:3)

1.Starshiy dorozhnyy master Moskovskoy distantzii puti Severnoy doregi
(for Titov). 2.Starshiy dorozhnyy master, stantsiya Polotsk, Belorusskoy
doregi (for Kanin).

(Railroads--Switches)

MAJZON, Ya.S.; KANIN, A.N.

Problem of measures for the decrease of temporary working incapacity
in industrial workers. Sovet sdravookhr. 11 no.2:41-44 Mar-Apr 1952.
(CML 22:1)

1. Of the Institute of Work Physiology... (Director -- L. E. Zhislin),
Stalino.

KAMIP, A. M.

Subject : USSR/Engineering AID P - 5244

Card 1/1 Pub. 107-a - 4/9

Authors : Zaychik, L. V., Kand. of Tech. Sci. and A. M. Kanin,
Eng., (VNIIESO)

Title : The MTIP-type spot welding machines

Periodical : Svar. proizv., 8, 18-23, Ag 1956

Abstract : The authors describe the MTIP-300-1, MTIP-450-2 and
MTIP-600-2 spot welding machines, their electrical
design, their pneumatic feed of electrodes and the
electric power required. They provide the technical
data for each of the machines and the maximum thickness
of the parts weldable. Two tables, 5 formulae, 11 graphs,
and 3 drawings. Three Russian references (1952-54).

Institutions: All-Union Scientific Research Institute of Electric Weld-
ing Equipment (VNIIESO), and Central Scientific Research
Institute of Machine-Buileing Technology (TsNIITMASH).

Submitted : No date

KANIN, P.; BOLDENKOV, K.; LONKO, A.; KITAYEV, I.; OVSIANNIKOV, V.;
KUTISHCHEV, N.

In honor of the Twenty-First Congress of the CPSU. Prom.koop. 13
no.1:10 Ja '59. (MIRA 12:2)

1. Predsedatel' pravleniya arteli imeni 15-letiya koperatsii invalidov, g. Voronezh (for Kanin). 2. Predsedatel' pravleniya arteli "Metallist," g. Bryansk (for Boldenkov). 3. Starshiy inspektor orgotdela oblpromsoвета, g. Zhitomir (for Lonko). 4. Nachal'nik orgotdela oblpromsoвета, g. Vladimir (for Kitayev). 5. Sekretar' partiynoy organizatsii arteli imeni Stalina, s. Katyushanka, Kiyevskoy ob. (for Ovsyannikov). 6. Zamestitel' predsedatelya pravleniya oblpromsoвета, g. Ural'sk (for Kutishchev).

(Cooperative societies)

GREKOV, Andrey Ivanovich; KANIN, Mikhail Vasil'yevich; KUKLIN, P.V.,
red.; BURYANOV, M.S., tekhn.red.

[Using agricultural machinery and tractors on collective farms]
Ispol'sovanie mashinno-traktornogo parka v kolkhosakh. Stalin-
grad, Stalingradskoe knizhnoe izd-vo, 1960. 36 p.

(MIRA 14:2)

(Agricultural machinery) (Tractors)

KANIN, Ye.S. (Kemerovo)

System of exercises on algebra in the 6th grade. Mat.v shkole
no.1:40-45 Ja-F '60. (MIRA 13:5)
(Algebra)

KANIN, Ye.S. (Kemerovo)

Problem pertaining to the study of operations with monomials and polynomials in the 6th grade. Mat. v shkole no.5:29-32 S-0 '60.

(MIRA 13:10)

(Mathematics---Study and teaching)

PLATOV, Yuriy Mikhaylovich; BARATOV, A.N., red.; KANIN, Yu.,
ved. red.

[New developments in the application of metals and al-
loys in industry; review of foreign techniques] Novoe v
primeneni metallov i splavov v promyshlennosti; obzor
zarubezhnoi tekhniki. Moskva, GOSINTI, 1962. 78 p.
(MIRA 17:7)

KANIN, Yu.

The "Electric boxer" knocks out the old methods for sheet-metal work, Tekh. mol. 31 no.3:37 '63. (MIRA 16:6)

(Electric metal cutting)

POLKANOV, I.P.; VEDENYAPIN, G.V., doktor tekhn. nauk, prof.,
retsenzent; KANIN, Yu.N., inzh., red.

[Theory and design of machine and tractor units] Teoriia
i raschet mashino-traktornykh . Izd.2., perer. i dop.
Moskva, Izd-vo "Mashinostroenie," 1964. 254 p.
(MIRA 17:5)

UL'YANOV, F.G., kand. tekhn. nauk; NARBUT, A.N., kand. tekhn. nauk, retsenzent; KANIN, Yu.N., inzh., red.

[Increasing the roadability and traction properties of wheeled tractors with pneumatic tires] Povyshenie prokhodimosti i tiagovykh svoistv kolesnykh traktorov na pnevmaticheskikh shinakh. Moskva, Mashinostroenie, 1964. 135 p. (MIRA 17:9)

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26.5100

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S/170/63/006/003/002/014
B104/B186

AUTHOR: Kaninos, V. M.

TITLE: Heat transfer on free rotation of a non-uniformly heated disk

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, v. 6, no. 3, 1963, 12 - 20

TEXT: L. A. Dorfman (IFZh, no. 6, 1958) demonstrated the important effect of a radial temperature gradient on the heat transfer intensities of a rotating disk. Here theoretical results are compared with local and mean heat transfer coefficients determined on a freely rotating disk (690 mm in diameter, 20 mm thick, 250 - 2650 r.p.m.), heated by a peripheral electric heater. The radial temperature distribution was measured by nine thermocouples; they were lead through a hollow rod and connected to the measuring circuit by means of copper rings and graphite-copper brushes. In the case of a laminar gas flow the heat transfer as a function of Re may be described by $Nu_M = 0.465Re^{0.5}$; in the case of a turbulent flow

$Nu_M = 0.0244Re^{0.8}$. $Nu_M = \alpha_M r / \lambda_r$, α_M is the local heat transfer factor.

The divergence between these experimental results and the theoretical relations is 6 - 7 %. The formulas $Nu_M = f(Re)$ and $Nu = f(Re)$ given by Card 1/2

S/170/63/006/003/002/014
B104/B186

Heat transfer on free rotation ...

Dorfman are generalized by avoiding the assumption of a given temperature distribution function and by introducing the one-dimensional heat conduction equation $t = Ar^{\xi}$, $\xi = -1 \pm \sqrt{1 + 2\alpha s/\lambda}$, into the problem. The Nusselt number is found to be a function of Re , Pr , λ_r/λ , r/y . In the experiments carried out, $Pr = \text{const}$, $\lambda_r/\lambda \approx \text{const}$. Therefore the relation

$Nu = f(Re, \delta/r)$ was sought for $Nu_M = 0.0135Re^{0.8}(r/\delta)^{0.2}$,

$Nu = 0.0064Re^{0.8}(r/\delta)^{0.4}$. The equations $Nu_M/Nu_M^0 = 3.22 (r\lambda_r/\delta\lambda)^{0.2}$ and

$Nu/Nu^0 = 8.74 (r\lambda_r/\delta\lambda)^{0.4}$ make it possible to estimate the influence of the radial temperature gradient on the heat transfer of a rotating disk in a turbulent flow. As a result of the non-uniform temperature distribution, the mean heat transfer coefficient of thin disks of aviation jet engines is twice as great as that of disks having a uniform temperature distribution. There are 4 figures. ✓

ASSOCIATION: Politekhnikheskiy institut imeni V. I. Lenina, g. Khar'kov
(Polytechnic Institute imeni V. I. Lenin, Khar'kov)

SUBMITTED: September 15, 1962

Card 2/2

KANINSKAYA, T. (Riga)

Structure of the frame part of the ordinary pine root system under different methods of culture. Vestis Latv ak no.11:145-152 '60.
(KEAI 10:9)

1. Akademiya nauk Latvyskoy SSR, Institut lesokhozyaystvanykh problem i khimii drevesiny.

(Pine)

KAMINSKI, Julian; KANIOK, Roman

Effect of various levels of crude fiber in the fodder for broilers on protein digestibility, nitrogen retention, and the microflora in the alimentary tract. Zesz probi post nauk roln no.41:165-173 '63.

1. Katedra Zywienia Zwierzat, Wyzsza Szkola Rolnicza, Krukow.
Kierownik: doc. S. Trela.

KANINSKY, J.
CHURY, J.; BRONEC, J.; KANINSKY, J.

Catalase activity of hepatic tissue, preserved at a temperature of 4°
[in Russian with summary in German]. Chekh.biol. 3 no.1:49-53 F '54.
(MLRA 7:6)

1. Institut biologii veterinarnogo fakul'teta Vysshey zemledel'cheskoy
shkoly, Brno. (Liver) (Catalase)

KANIOR, X

✓ A new graphic representation of quinary reciprocal salt systems. Kazimierz Kanior (Inst. Technol., Wrocław, Poland). Roczniki Chem. 29; 876-87 (1955) (German summary).—A method of representation of quinary reciprocal salt systems on a plane is described and applied to system NaCl-KCl-MgCl₂-MgSO₄-H₂O. P. Dreyfuss

CH

RM

KANIOK, K

POLAND/Cosmochemistry. Geochemistry. Hydrochemistry.

D.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 28295

Author : Bobrowinicki, W., Kaniok, K., and Sikora, S.

Inst : -

Title : Kłodav Potassium Salts.

Orig Pub : Chemik, 10, No 7-8, 199-202 (1957) (in Polish)

Abstract : By their phase composition the salts investigated appear to be mixed and have been shown to contain halite, carnallite, sylvinito, kieserite with small amounts of anhydrite, mud, and in certain horizons, langbeinite. Carnallite appears to be the main mineral. The chemical composition of a number of characteristic samples is given. The deposit is of great commercial importance.

Card 1/1

KANIOK, Kasimierz

The chemical and technological concepts of processing carnallite from the Kłodawa mines. Przem chem 39 no.6:305-309 Jn '60.

1. Kopalnia Soli, Kłodawa

KANIOVSKIY, Boris Sergeyevich

AFANASOV, Vasilii Nikolayevich; SEMENOV, Petr Ivanovich; FREYBURG,
Tat'yana Yevgen'yevna; KANIOVSKIY, Boris Sergeyevich; ILINSKIY,
V.A., red.; VOLCHOK, K.M., tekhn.red.

[Locks for waterways and ports] Sliuzovannye vodnye outi i
porty. Leningrad, Izd-vo "Rechnoi transport," Leningr.otd-nie,
1957. 384 p. (MIRA 11:1)

(Locks (Hydraulic engineering))

GRIGOR'YEV, Sergey Nikolayevich; NEBOL'SIN, Ya.V., retsenzent;
KANIOVSKIY, B.S., retsenzent; LAPTEV, M.I., red.; LOBANOV,
Ye.M., red. ~~izd-va~~; RIDNAYA, I.V., tekhn.red.

[Beaconage and the principles of navigation] Sudokhodnaia ob-
stanovka i osnovy sudovozhdeniia. Moskva, Izd-vo "Rechnoi
transport," 1962. 245 p. (MIRA 15:12)
(Inland navigation) (Beacons)

KANIOVSKIY, Boris Sergeevich, inzh.; SEMENOV, Petr Ivanovich,
inzh.; FREYBURG, Tat'yana Yevgen'yevna, inzh.; GALLE,
I.I., retsenzent; ZERNOV, S.A., red.

[Waterways with navigation locks] Shliuzovannye vodnye puti.
Moskva, Izd-vo "Transport," 1964. 300 p. (MIRA 17:7)

KANIOWNA, Czesława (Wrocław)

"Zurich, the metropolis of Switzerland" by R. Lebau. Reviewed by
Czesława Kaniowna. Czasop geograf 33 no. 1:374-376 '62.

KANIOWNA, Czeslawa (Wroclaw)

"A cartographic study on the economic and demographic structure of
Occidental Europe." Reviewed by Czeslawa Kaniowna. Czasop geograf
33 no.3:382 '62.

KANIOWNA, Czeslawa (Wroclaw)

"Geographical and economic problems of the classification of Slovenian settlements (Contribution to the studies on the urbanisation of Slovenia) by V.Klemencic. Reviewed by Czeslawa Kaniowna. Czasop geograf 34 no.1:93 '63.

L 15155-66 EWT(1) GG
ACC NR: AP6020360

SOURCE CODE: PO/0045/66/029/006/0735/0741

AUTHOR: Kaniowski, L.

ORG: General Physics Department, Military Technical Academy

TITLE: Propagation of correlation tensors of the electromagnetic field intensities

SOURCE: Acta physica polonica, v. 29, no. 6, 1966, 735-741

TOPIC TAGS: tensor, electromagnetic field, magnetic field intensity, signal correlation

ABSTRACT: The paper deals with the problem of propagation of physical quantities describing the correlations between electromagnetic field states at different points in space and different instants of time. Formulas are derived for the propagation of analytical signals $\vec{E}(\vec{x}, t)$ and $\vec{H}(\vec{x}, t)$ connected with the intensities of the electric and magnetic fields, and from these formulas the propagation of the correlation tensors is calculated. The dependence of the correlation tensor at two arbitrary points of space on values of the correlation tensors and on values of their first and second time derivatives on the surface surrounding both points is derived. The author is much indebted to Professor B. Karaszewski for suggesting this work and for help during its course. Orig. art. has: 8 formulas.

SUB CODE: 20/ SUM DATE: 02Aug65/ OTH REF: 003

Card 1/1 MLP

KANIOWSKI, T.

Röntgenotherapy of phlebitis. Polski przegl. radiol. 17 no.1:53-56
Jan-Mar 1953. (CJML 24:5)

1. Of the Radiological Clinic (Head--Prof. Witold Grabowski, M.D.) of
Wroclaw University.

KANIOWSKI, Tadeusz

Significance of works of Maria Skłodowska-Curie in modern medicine.
Postępy hig. med. dow. 8 no.4:639-648 1954.

1. Klinika Radiologiczna A.M. Wrocław, ul. Curie-Skłodowskiej 66.
(BIOGRAPHIES,
Skłodowska Curie, Marie)